

SeaQuest AEM updates

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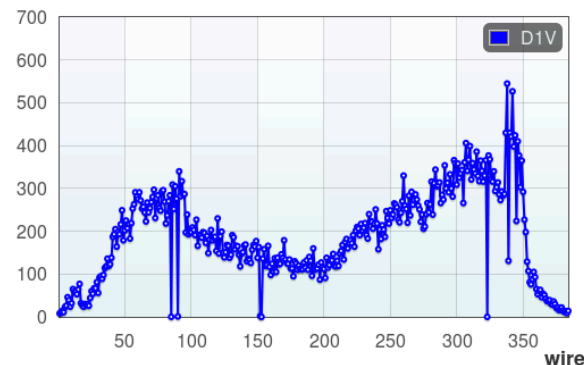
Spectrometer status

- Beam vacuum pipe
 - New electronic read out was up on the vacuum pipe away from radiation
- Cerenkov counter – stable
- Target – stable
- Hodoscopes – stable
 - Replaced a PMT yesterday evening
- Chambers are “fine”
 - New St 1 (next slide)
 - St 2U still drawing 400 micro amps but fully operational, ASDQ thresholds tweaked
 - St 3- doing great
 - Replaced some ASDQ cards preventing lower ASDQ thresholds
 - St 3+ doing great
- Prop tubes – stable
- DAQ
 - MainDAQ – stable
 - ScalarDAQ – more or less stable (except for disk full issues being addressed)
 - BeamDAQ – stable
- Online monitoring
 - Event display software couldn't mount to MySQL due to disk failure on db1 – disk replaced



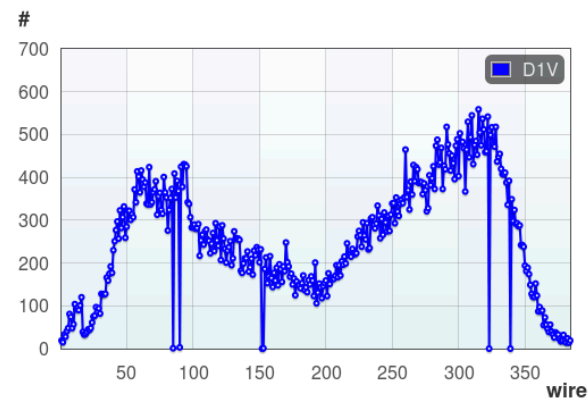
New St 1

- Operating at 1660 V, with a current between spills of 260.7 nano amps
- Some ASDQ cards replaced
- Noisy channels disappeared after TDC was replaced
- Shipment of flammable gas arrived
- Preliminary estimates for the efficiency have been done. All planes are now between 80 – 90%
 - Tweaked the ASDQ down even further from where they were last week
 - Start flow of flammable gas
 - Take efficiency runs



Attachment 2: D1V_17574.png

RUN 017574 (R001) SeaGuest (log out)



PLAN

Continue data taking!